

Appendix D - Mobile Robotics Interview Outcomes

Interview Outcomes - Mobile Robotics

Team:

1. Robot Specifications and Functioning

Criteria	Description	Demonstrated
Design and Mechanical Functioning	Explain the design of one of your robots, focusing on structural integrity, durability, organization, and mechanical functioning.	•
Autonomous Functioning & Coding	Describe the autonomous functioning (input and behaviour) and associated coding of one of your robots.	•
Manual/Autonomous Control, Responsiveness, and System Integration	Describe how the components of one of your robots work together as a cohesive system.	•

2. Game Play Strategy

Criteria	Description	Demonstrated
Understanding of Game Rules, Strategic Planning, and Strategy Execution	Describe your game-play strategy. Include how your robots and team work together to compete in the game.	•
Innovation and Creativity	Describe how the novelty in overall design, mechanisms, or use of materials contributes to your gameplay strategy	•

3. Transferable Competencies

Criteria	Description	Demonstrated
Project Management	Describe your planning and design journey.	•
Teamwork & Collaboration	Describe how you collaborated (within a team and with others) throughout this process and what you learned as a result.	•
Learning and Reflection	Explain one change you would make to your robot or its functioning.	•

4. Logical Reasoning (Argumentation)

Criteria	Description	Demonstrated
Main Game	Argument Creation (undisclosed question requiring logical reasoning related to the main game)	•
Autonomous Challenge	Argument Creation (undisclosed question requiring logical reasoning related to the autonomous challenge)	•